INFORMATION DISCLOSURE STATEMENT	Serial No.	7083819 7083819 7277/02

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
BJA	AA	5,603,058	02/11/97	Belknap et al.	-395	855 -	09/08/1994
JE7b	AB	5,712,976	01/27/98	Falcon, Jr. et al.	-395	200.09	09/08/1994
BJP	AC.	5,978,841	11/02/99	Berger	709	217	03/07/1997
BJP	AD	6,016,520	01/18/00	Facq et al.	710	33	07/14/1995
BUP	AE	6,065,043	05/16/00	Domenikos et al.	709	203	07/02/1998
B76	AF	6,098,096	08/01/00	Tsirigotis et al.	709	213	12/09/1996
BJP	AG	6,115,741	09/05/00	Domenikos et al.	709	217	07/16/1999
BSP	AH	6,119,203	09/12/00	Snyder et al.	711	137	08/03/1998

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
AL						
AM					<u>"</u>	
AN						
AO					*	
AP						

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	JIIIL	in (including Author, Title, Date, Pertinent Pages, etc.)
	AR	
	AS	
	AT	
4	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

EXAMINER	01.	DATE CONSIDERED	
	My	 5/30	05

^{*}Examin r: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Approved for use through 08/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number Filing Date 27, 2002 First Named Inventor Art Unit

Complete if Known

(Use as many sheets as necessary)

4 PEIKARI Sheet Attomey Docket Number

Examiner Name

		NON PATENT LITERATURE DOCUMENTS]
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the articl magazine, journal, serial, symposium, catalog, etc.), date, page(s) and/or country where publish), volume-iss hed.	sue number(s), publisher, city	T²
B7 b	i	PAPADIMITRIOU, C.H., RAMANATHAN, "Information eaching for Delivery of Programs on Home entertainmen	s., RAI of Per it Cha	NGAN, P. VENKAT, sonalized video nnels"	
X		Multimedia computing and System. the International Conf. on Boston Los Alamitos. CA USA, IEEE Comp	1, 199, (n ma, (n ma, (t. Proceedings of 15A, May 15-19, 199 Nay 15, 1994, pgs 314-22	£3.
					}
B7b	***************************************	WANG, ZHENG; CROWCROFT, JON, "Provide" Global Telecommunications of Communications: the Key to Global UK, Nov 13-22, 1996, New York, NY	efetch Sonferc Youp	ing in world wide nce, 1996.Globeco ecity London,	m'9¢
X		UK, Nov 18-22,1996, New York, NY Nov 18,1996; pages 28-32	usa;	I EEE, US,	
\times				· · · · · · · · · · · · · · · · · · ·	
BJP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IMAI, NAOKI; MORIKAWA, HIROYUKI; 1 "Prefetching Architecture for Hot-SI ICC 2001. 2001 IEEE Internation	AOYAM pottad IOJ Coi	A TOMONORI; Networks" nf.on Communicat	2003
X		Conference Record, Helsinky, Finla IEEE International Conference of New York, NY! IEEE, US VOI	ind, Ju Po Con 1 of Ic	ine 11-14, 201; nmunications of June 11, 2001,	
X		pages 2006-2010		RECEN	Æ
X				FEB 2 7 2	004
				Technology Cor	Her 2
Examiner Signature	卫	1/ 4	ate Considered	5/30/05	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

PEIKAR

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Approved for use through 07/31/2006. OMB 0651-0031 aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. C mplete if Known stitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number Filing Date 27, 2002 First Named Inventor Art Unit

(Use as many sheets as necessary)

Sheet

2189 **Examiner Name** Attorney Docket Number

U.S. PATENT DOCUMENTS Examiner Publication Date Cite **Document Number** Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Initials* Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code^{2 (# known)} PLE Yoshihara etal 62-67-2002 12016162 US US-US-US-FEB 2 7 2004 UŞ-US-Technology Center 2100 IIS. 115 US-US-US-US-US-US-US-US-

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ 'Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7°	
BJP		WU 01152198 AZ	07-19-2001	TERRANOVA.e+	J.		
BJA		20	Q-14-2002	<i>T</i>	>*************************************		
	********	•					

Examiner		Date	
Signature	8/41	Considered 5 36 05	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.